

FINAL AGENDA

SENSORS CONVERGE PRECON 2022

McEnery Convention Center San Jose, California June 27, 2022 9:00 a.m. to 4:00 p.m.

WEARABLES, IOT AND OTHER HIGH-VOLUME APPLICATION OPPORTUNITIES FOR PRINTED, FLEXIBLE,  
STRETCHABLE AND E-TEXTILE / SMART FABRIC SENSORS AND SENSOR-BASED SYSTEMS

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A.M. Session

- 9:00-9:20 R. Grace, Roger Grace Associates, Welcome and Introduction/Overview to Printed/Flexible/Stretchable and E-Textile / Smart Fabric Sensors and Sensor-Based Systems
- 9:20-9:40 M. Farrington, AFFOA, Charting the Opportunities for Sensor Integration in Smart Fabrics
- 9:40-10:00 D. Goncalves, DCS Corp., E-Textile Sensor Networks for Damage and Threat Detection
- 10:00-10:20 J. Alders, Neurable, Fabric EEG Sensor System for Consumer Devices
- 10:20 -10:35 Morning Break
- 10:35-10:55 P. Rai Ph.D., Nanowear, Med Tech e-Textile Development and Commercialization in Regulated Markets
- 10:55-11:15 A. Sridhar Ph.D., TracXon B.V., Upscaling Large Area Printed Sensors for Mass Market Application Needs (NETHERLANDS)
- 11:15-11:35 K. Tikhonov Ph.D., Imprint Energy, Selection of Thin Film Flexible Batteries and Their Integration Into Wearables and IoT Devices
- 11:35-12:00 Session Q &A
- 12:00-1:00 Lunch

P.M. Session

- 1:00-1:10 R. Grace, Roger Grace Associates, Welcome and Introduction to Printed/Flexible/Stretchable and E-Textile / Smart Fabric Sensors and Sensor-Based Systems
- 1:10-1:30 S. Farnsworth, OE-A, Combining Materials, Processing and Know-How for Next Generation Wearables, Plus Roadmap
- 1:30-1:50 R. Potyrailo Ph.D., General Electric, Reliable Wearable Gas Sensors for Ubiquitous Applications: Still a Fantasy or 2022 Reality
- 1:50-2:10 J. Stetter Ph.D., KWJ Engineering, Progress in Wearable, Printed, Gas Sensors for Bridging the Cost-Performance Gap in Medical, Environmental, Energy and Space Applications

2:10-2:30 S. Brongsema Ph.D., IMEC/Holst, From Healthcare to Care for Health: The Workplace Vitality Hub as a Route Towards Commercialization (NETHERLANDS)

2:30-2:45 Afternoon Break

2:45-3:05 A. Busnaina Ph.D., Northeastern University, Sustainable and Scalable Printing of Nano and Microelectronics Using Direct Assembly of Nanomaterials

3:05-3:25 M. Wendrikat, Henkel A.G., Enabling End-to-End Specialized Healthcare with Printed Electronics Sensing Technology (GERMANY)

3:25-3:45 R. Grace, Roger Grace Associates, Summary and Conclusions for Printed/Flexible/Stretchable and E-Textile / Smart Fabric Sensors and Sensor-Based Systems

3:45-4:00 Session Q &A